L/F KANGAROO ISLAND

AUSTRALIAN POST OFFICE
ENGINEERING INSTRUCTION

AUTOMOTIVE PLANT
Mechanical Aids
CF 1201

HIGHWAY MODEL H.D.M.S. BORER.

1. TYPE OF MACHINE.

Borer, pole hole, heavy duty, truck mounted, with separate engine.

2. GROUP CLASSIFICATION.

Classification F.B.B.

FIG. 1. HIGHWAY MODEL H.D.M.S. BORER.

3. MAKE AND MODEL.

Highway Model H.D.M.S. pole hole borer, mounted on 3-5 ton 4 wheel drive motor truck, with pole erector.

4. BORER SPECIFICATIONS.

Mounting location	-	Rear of truck.
Depth of bore in one operation	-	7 ft.
Additional depth	-	Bore to 10 ft. with alternative boring bar.
Auger sizes	-	9", 12", 16" and 20" diameter.
Tilting - fore and aft	-	50° fore to 15° aft, mechanical.
sideways	-	90° each side, manual.
Drive to borer head	-	Mechanical, through multiple disc clutches.
Auger, raise and lower	-	Mechanical, through multiple disc clutches.

5. POLE ERECTOR SPECIFICATIONS.

Mounting location	-	Rear of truck, utilising auger support tube.
Lifting power	-	Mechanical winch.
Lifting capacity	-	15 cwt.
Maximum length of pole (approx.)	-	35 ft.
Width of boom at upper end	-	Less than 9".

6. MOVEMENT BETWEEN JOBS.

Travels any distance along roads at speeds up to 30 m.p.h.

7. DIMENSIONS.

Overall height, travelling	-	approx. 10 ft.
Overall length, travelling	-	approx. 25-30 ft.
Overall width	-	approx. 7'6".

8. ENGINE.

Borer - water cooled petrol.
Truck - water cooled petrol.

9. ACCESSORIES.

Stabilising Jacks.

END.